

Derivatives of phosphorus acids and 2-chloro-2-propen-1-ol

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Abstract

1. A number of derivatives of phosphorus acids and 2-chloro-2-propen-1-ol were prepared, and some of their chemical and biological properties were studied. 2. The 2-chloroallyl phosphorus derivatives synthesized are contact insecticides of low activity. 3. Fungicidal active with respect to *Trichophyton gypseum* and *Epidermophyton* increases with lengthening of the hydrocarbon chains of the alcohol residues of the phosphorus esters, whereas toxicity with respect to warm-blooded animals diminishes considerably. 4. The compounds studied have moderate activity with respect to *Mycobacterium tuberculosis hominis*. © 1968 Consultants Bureau.

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